

## CLAIMS

What is claimed is:

1. A method for generating a Portable Part Identity (PMID) of a WMTS (wireless medical telemetry device) that communicates using Digital Enhanced Cordless Telecommunications (DECT) comprising the steps of: (a) providing a DECT stack module 200 comprising a portable part (PP) or a fixed-part (FP) application, wherein said DECT stack represents connections between the (PP) and (FP) as a 32 bit number, said (PP) comprising 20 bits and said (FP) comprising 12 bits; (b) retrieving the 20 bits of the (PP) and storing in a memory map in the DECT stack as a DECT PMID; and, (c) calculating a (PP) id from a lower 20 bits of an Ethernet assigned MAC address of the (PP) and storing same in the memory map in the DECT stack so that the 20 bits of the DECT PMID are mapped 1:1 with the lower 20 bits of the Ethernet MAC address.
2. The method according to claim 1, wherein the Ethernet assigned MAC address comprises 48 total bits.
3. The method according to claim 2, wherein the DECT stack communicates with one of an Access Point and a PWD (patient-wearable device) or other portable device.
4. The method according to claim 2, wherein the DECT stack includes a slot controller that controls a radio module that communicates with one or more portable parts.
5. The method according to claim 1, wherein an (FP) id is selected when at least one Access Point starts up and registers with an Access Point Controller.
6. The method according to claim 1, further comprising (d) said slot controller controls the radio module to transmit or receive an extended DECT frame being modified to comprise 64 slots for communication with (PPs) comprising WMTS devices.
7. The method according to claim 6, wherein during a first 32 slots of the 64 slot extended DECT frame, the (FP) can transmit and receive via the radio module, and during a second 32 slots of the extended DECT frame, the (PP) can transmit and receive via the radio module.
8. A map for a DECT stack module 200 modified for use with a Wireless Medical Telemetry Systems (WMTS) device, wherein said DECT stack modules includes a DECT stack comprising a portable part (PP) and a fixed-part (FP) software application module, wherein said DECT stack represents connections between the (PP) and (FP) as a 32 bit number, said (PP) comprising 20 bits and said (FP) comprising 12 bits, said map comprising: 20 bits of the (PP) are stored in the memory map as DECT PMIDs; and a

lower 20 bits of an Ethernet assigned MAC address of the (PP) are stored in the memory so that the 20 bits of the DECT PMID are mapped 1:1 with the lower 20 bits of the Ethernet MAC address.

9. The map according to claim 8, wherein the Ethernet-MAC-assigned address from which the lower 20 bits are selected comprises a total of 48 bits.

10. An extended DECT frame for use with Wireless Medical Telemetry Systems (WMTS) transmission, said extended frame comprising 64 slots, wherein during a first 32 slots of the 64 slot extended DECT frame transmitted, a (FP) is permitted to transmit and receive via a radio module, and during a second 32 slots of the extended DECT frame a (PP) is permitted to transmit and receive via the radio module.